

## Product datasheet for **SC122446**

### VWA3B (BC022028) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VWA3B (BC022028) Human Untagged Clone
Tag:	Tag Free
Symbol:	VWA3B
Synonyms:	FLJ32686; MGC26733; von Willebrand factor A domain containing 3B
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for BC022028 edited  
 AGCGGGTAAAACTAAGATGTCAGACTCGAAGTGTGGGTATGACTTTATCTTCCCTGG  
 ATCTGCATGTGGAGAGGACGGAGAGTGGGTGCACACAAGCCAAATCTGAGCTACTATCAC  
 ACTGAAGCACACAATGGCCACGAAAGGCATGAGGTTGAAATCCACAAAAGAGGTGTTCCC  
 TCTGGCACATGTGTGCAACGACACAAAATAAGATGACATTAATTAACCCCAAGGAGCCAA  
 ACTCAATATCTACAAGCGAAAAGTGAACAGGCAATTCAATCCTATGAAAAGCGCTTGAA  
 TAAAATTGTTTGGCGAGCATTATCTCAAGAGGAAAAAGAAAAGTTAGATGCAAACAAACC  
 AATACAGTACTTGGAAAACAAAACAGTTTTAAACCAGGCTTTAGAACGGTTGAATTGGCC  
 CATTCTACTGAAAGAGCTGCTGATGCTGAAAAGTAAAATCCTAGCTGGGAAAATGTACAT  
 CCAGCAGGCCATGGAATCCAGGAGGCTGCCAAGAAGAATTATGCAAACAAGGCCCGGG  
 AGAGCAACAGAAAATTGCAAGGAAATCCAACAAAGAAAACCAATCAAAAAGACCAGATCC  
 CCTCAAAGGACAGAAGGTTATTGCAAGATGCGATGAAAATGGCTTTTATTTCCAGGGGT  
 TGTGAAGAAGTGTGTGAGCCGACCCAAGCACTGGTGGGCTTCAGTTACGGAGACACCAA  
 GGTCGTGTCCACCTCCTCATCACGCTGTGGGGGGCCATGCCCTGCCCGCTGCTCCA  
 GGTTGGAGATTATGTGTTTGCCAAAATTGTGATACCCAAAGGATTTGACTTCTATGTCCC  
 TGCCATTGTCATAGCACTTCCCAATAAGCATGTGGCCACAGAAAATTCTACACAGTTTT  
 GAAGTGTAAACAACCGGAGAGAATTTGCCCTCGGAGTGCATTATTAAGATCAGCCAAA  
 CAAGTATGCGCTCTTTGCTCTCATATAAAGTCAACCCCAATTCCTGAGGGTCCAGAAGT  
 AGAGGATGTGGAGGCGAGGAATCTGCTTTCCTCTTCTGGCCACTGAAAGAAGCGGACAC  
 GCAGGATTCAGAGAGCCAAGACGAGAGAAGCCAGGAGGAAAAAGAGGCCCGCCAAAGCA  
 GCCACTCCAGCAGGCGGCCCTCGGACTCGGACGGCTCCTCCCACGGCATCAGTCCCA  
 TGGGCTGTCCAGGGGACACACCCCGAGCCCAAGACAGCCACCTCCACTCCCCGCGGC  
 CGGGCGCTAGGACTCAGCAGCCACGCCATCATTGCCACACCTCCACTCGAGCAGCCCT  
 GCCCTGTACTCTCAAGCCACCCACAGCAGCAAAGGGCTGAGGAGCGTCCCTGAGACACT  
 TTAAGGCCGTCTGGTGGCAGCTATGTTTAAAGAGACCAGGCTCCTTCCAGGCTGTTAGAC  
 CTCAGCGTTGACTGAAACTGGCCCTCCGCGGAGTCTGTTGTAGGTAATCTAATTGA  
 GCCCGAAACCAGAATAAAAACTTTACATTGAAAACATTTCAAAACCAAAAAAAAAAAAAA  
 AAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC022028 unedited  
 GGTCAGATATTTGTATACGACTCACTATAGCGCGCCGATAAATTCGTATAGCATACATT  
 ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGTAAAA  
 ACTAAGATGTCAGACTCGAAGTGTGGGTATGACTTTATCTTCCCTGGATCTGCATGTG  
 GAGAGGACGGAGAGTGGGTGCACACAAGCCAAATCTGAGTACTATCACACTGAAGCACA  
 CAATGGCCACGAAAGGCATGAGGTTGAAATCCACAAAAGAGGTGTTCCCTCTGGCACATG  
 TGTGCAACGACACAAAATAAGATGACATTAATTAACCCCAAGGAGCCAAACTCAATATCT  
 ACAAGCGAAAAGTGAACAGGCAATTCATCCTATGAAAAGCGCTTGAATAAAATTGTTT  
 GCGGAGCATTATCTCAAGAGGAAAAAGAAAAGTTAGATGCAAACAAACCAATACAGTACT  
 TGGAAAACAAAACAGTTTTAAACCAGGCTTTAGAACGGTTGAATTGGCCATTTCACTGA  
 AAGAGCTGTGATGCTGAAAAGTAAAATCCTAGCTGGGAAAATGTACATCCAGCAGGCCA  
 TGGAACTCCAGGAGGCTGCCAAGAAGAATTATGCANACAAGGCCCGGGAGAGCAACAGA  
 NATTGAGGAAATCCACAAAGAAAACCAATCAAAAGACCAGATCCCCTCAAGGACAGA  
 AGGTTATTGCAAGATGCGATGAAAATGGCTTTTATTTCCAGGGTGTGAAGAAGTGTG  
 GAGCCGACCCAAGCCTGGTGGGCTCAGTTACCGAAACCAAGGTCGGGTCCACCTCC  
 CTCATCACGCTGTTGGGGCGGCATGCCCTGCCGGCTGCTTCAGGTTGAAAATATGGGT  
 TTGCCAAATTGGGATCCCAAAGGAT

**Restriction Sites:** Please inquire

**ACCN:** BC022028

**Insert Size:** 1563 bp

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">BC022028.1</a> , <a href="#">AAH22028.1</a>
<b>RefSeq Size:</b>	1563 bp
<b>Locus ID:</b>	200403
<b>Cytogenetics:</b>	2q11.2
<b>Gene Summary:</b>	This gene encodes an intracellular protein that contains a von Willebrand factor type A domain. Intracellular proteins with VWA domains are thought to function in transcription, DNA repair, ribosomal and membrane transport and the proteasome. Mutations in this gene are associated with Spinocerebellar ataxia, autosomal recessive 22. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2017]